In the Sequence Listing:

Please enter the 2 pages of Sequence Listing and computer readable copy of the sequence listing attached hereto.

SEQUENCE LISTING

<110> ETH Zurich

<120> Method for the in vitro evolution of polypeptides

<130> RP50005PCT

<140> PCT/CH2004/000610
<141> 2004-10-01

<160> 7

<170> PatentIn version 3.3

<210> 1
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<212> DNA
<213> Artificial

<220>
<223> PCR primer

<400> 1
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<210> 2
<211> 40
<212> DNA
<213> Artificial

<220>
<223> PCR primer, the cytidine in position 9 was replaced by 5'-fluorodeoxycytidine

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<211> 24
<212> DNA
<213> Artificial

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<223> double-stranded fragment for blocking magnetic beads, labelled with biotin on 5' end

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<211> 81
<212> DNA
<213> Artificial

<220>
<223> competing double-stranded DNA fragment

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gctaaatcaa ggccgtatcg t 81

<210> 5
<211> 23
<212> PRT
<213> Artificial

<220>
<223> calmodulin-binding peptide, labelled with biotin on amino-terminus

<400> 5

Cys Ala Ala Ala Arg Trp Lys Lys Ala Phe Ile Ala Val Ser Ala Ala
1 5 10 15

Asn Arg Phe Lys Lys Ile Ser
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<211> 22
<212> DNA
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<220>
<223> PCR primer

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<210> 7
<211> 20
<212> DNA
<213> Artificial

<220>
<223> PCR primer

<400> 7
aaaacccctc aagacccgtt 20